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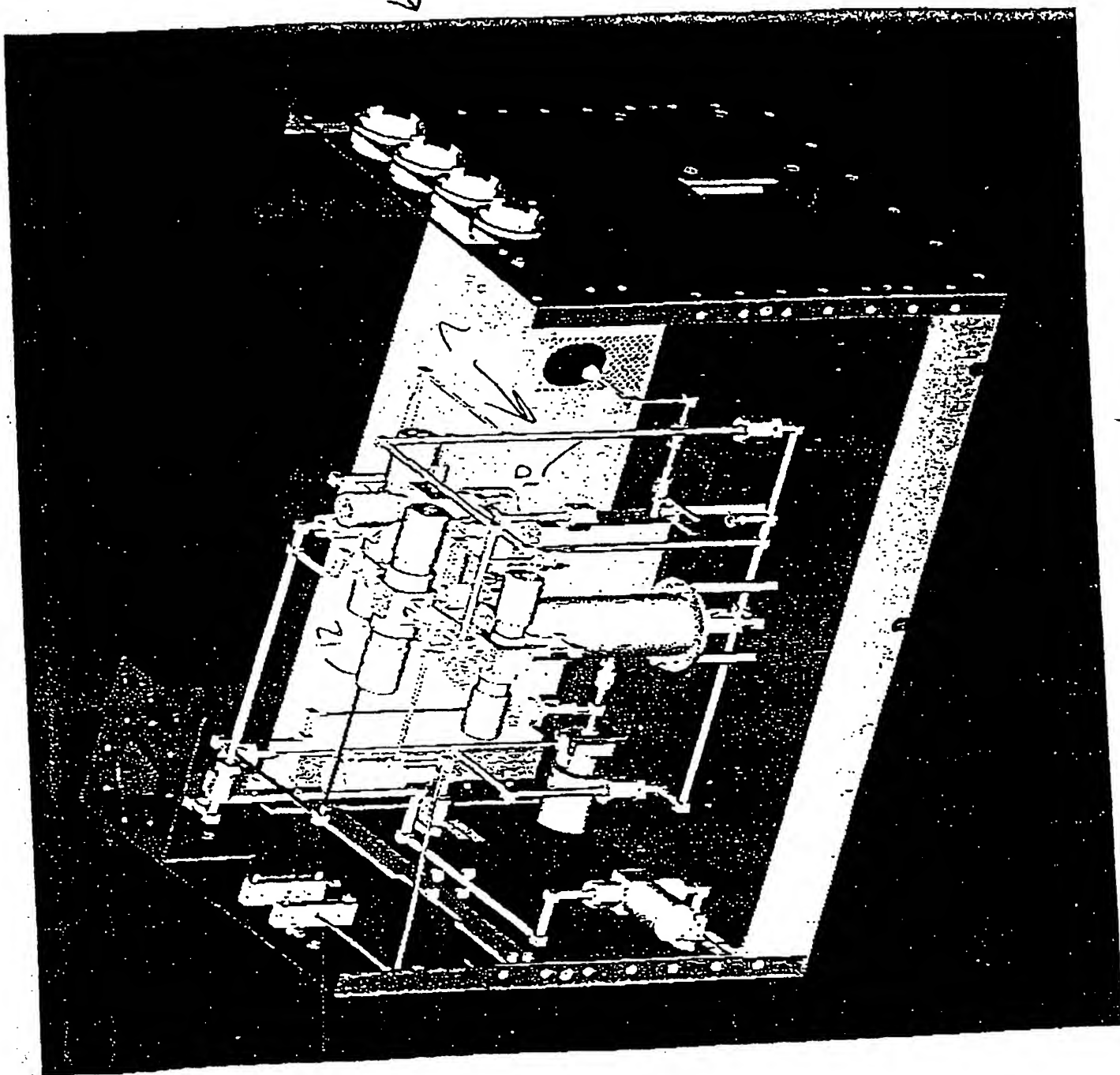


FIG. 1

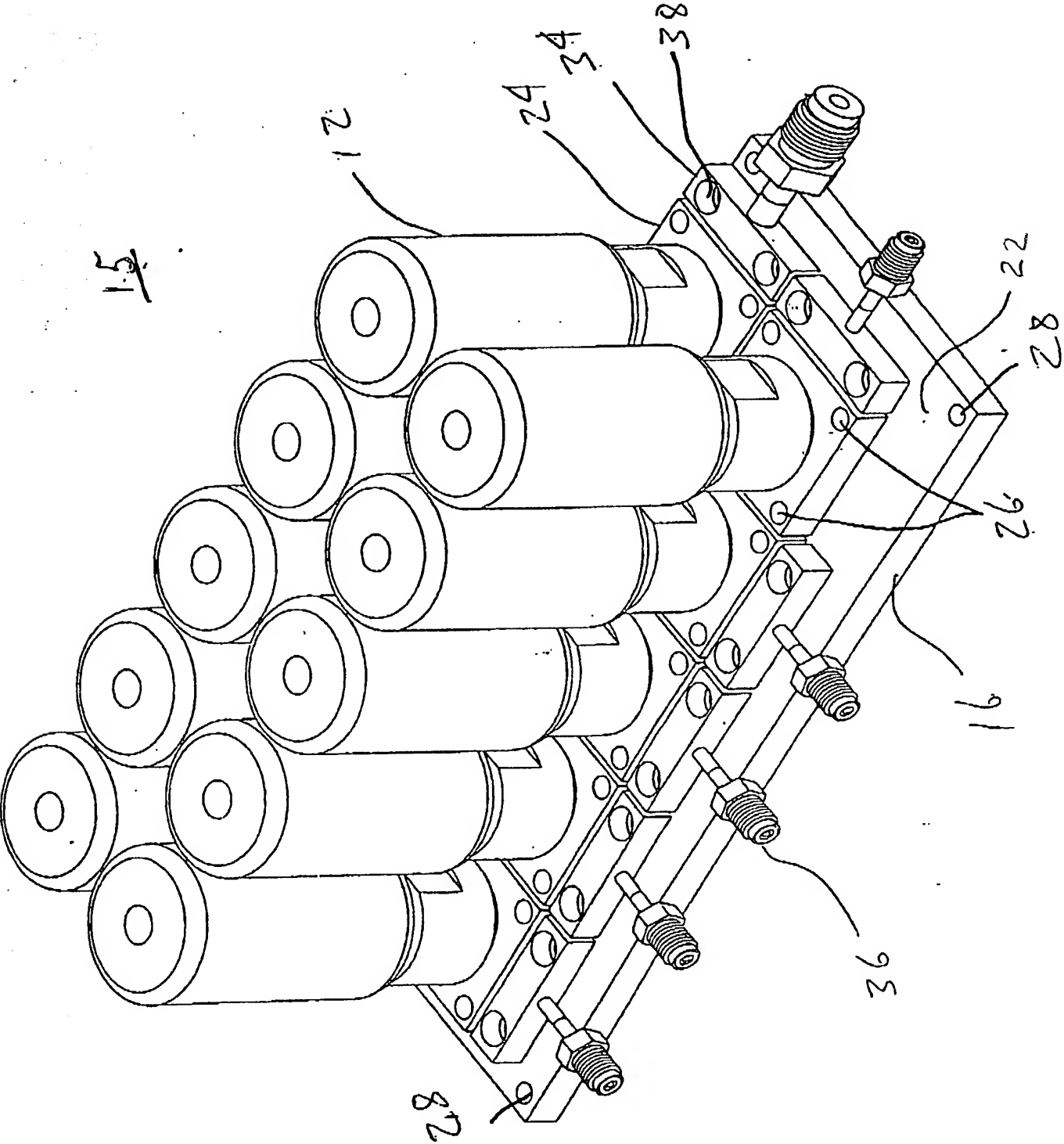


FIG. 2

FIG. 3

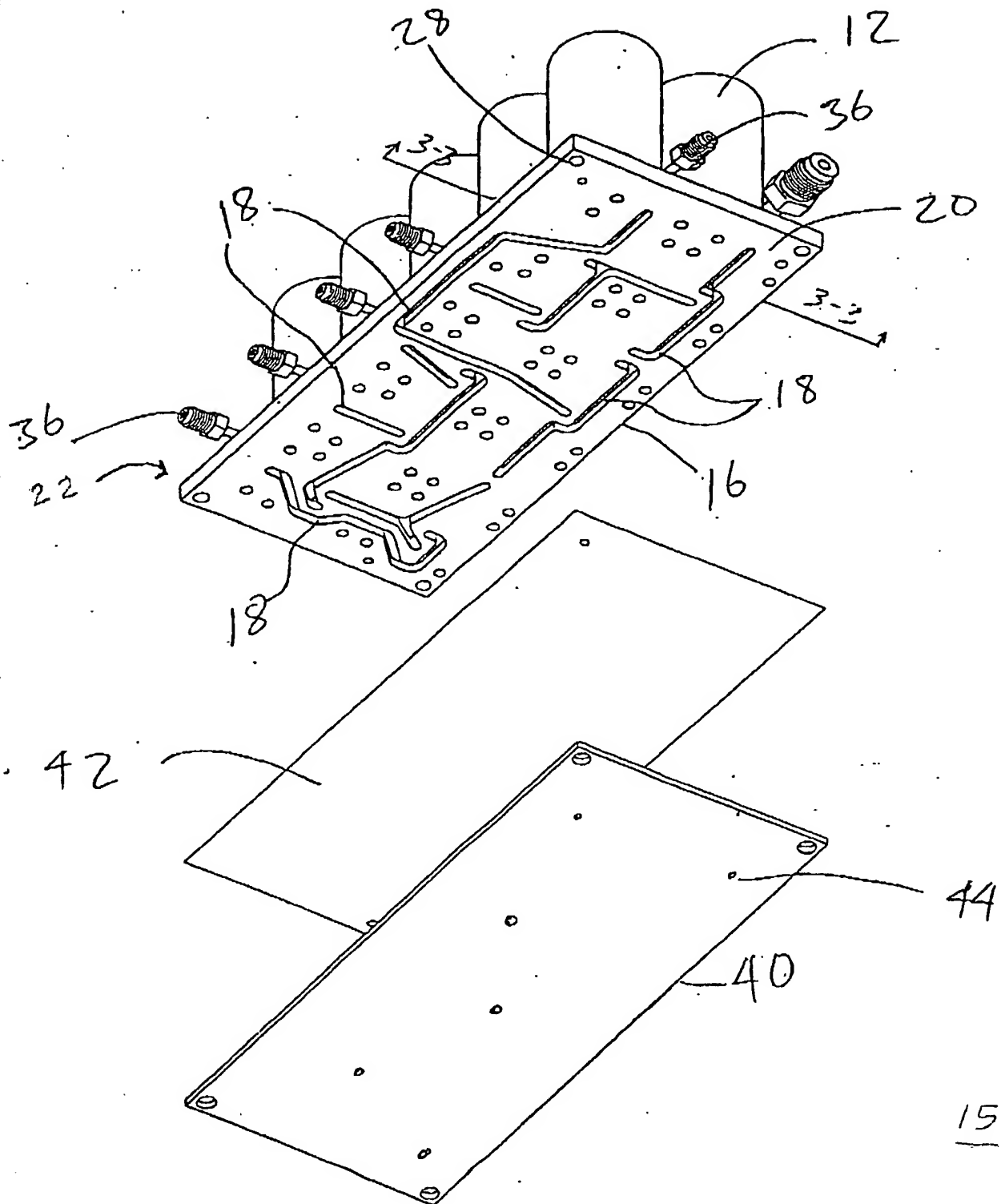
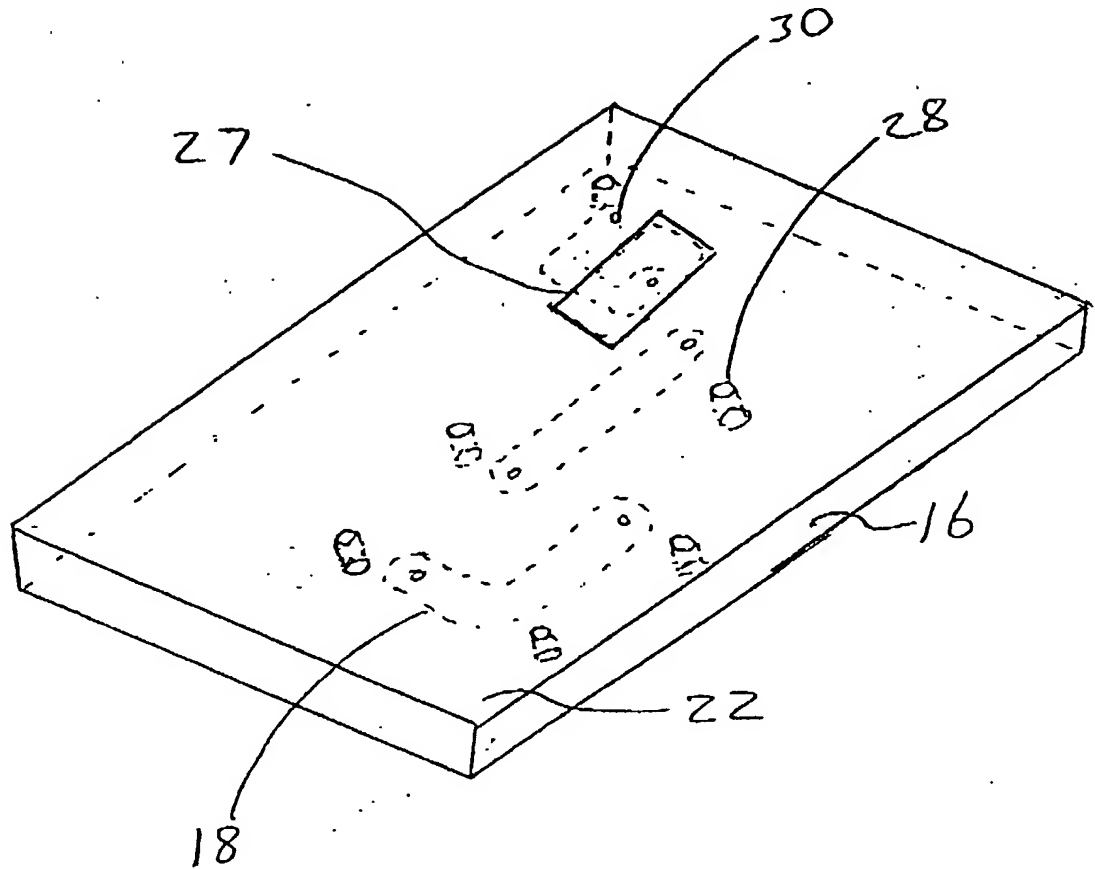


FIG 4



16

FIG. 5

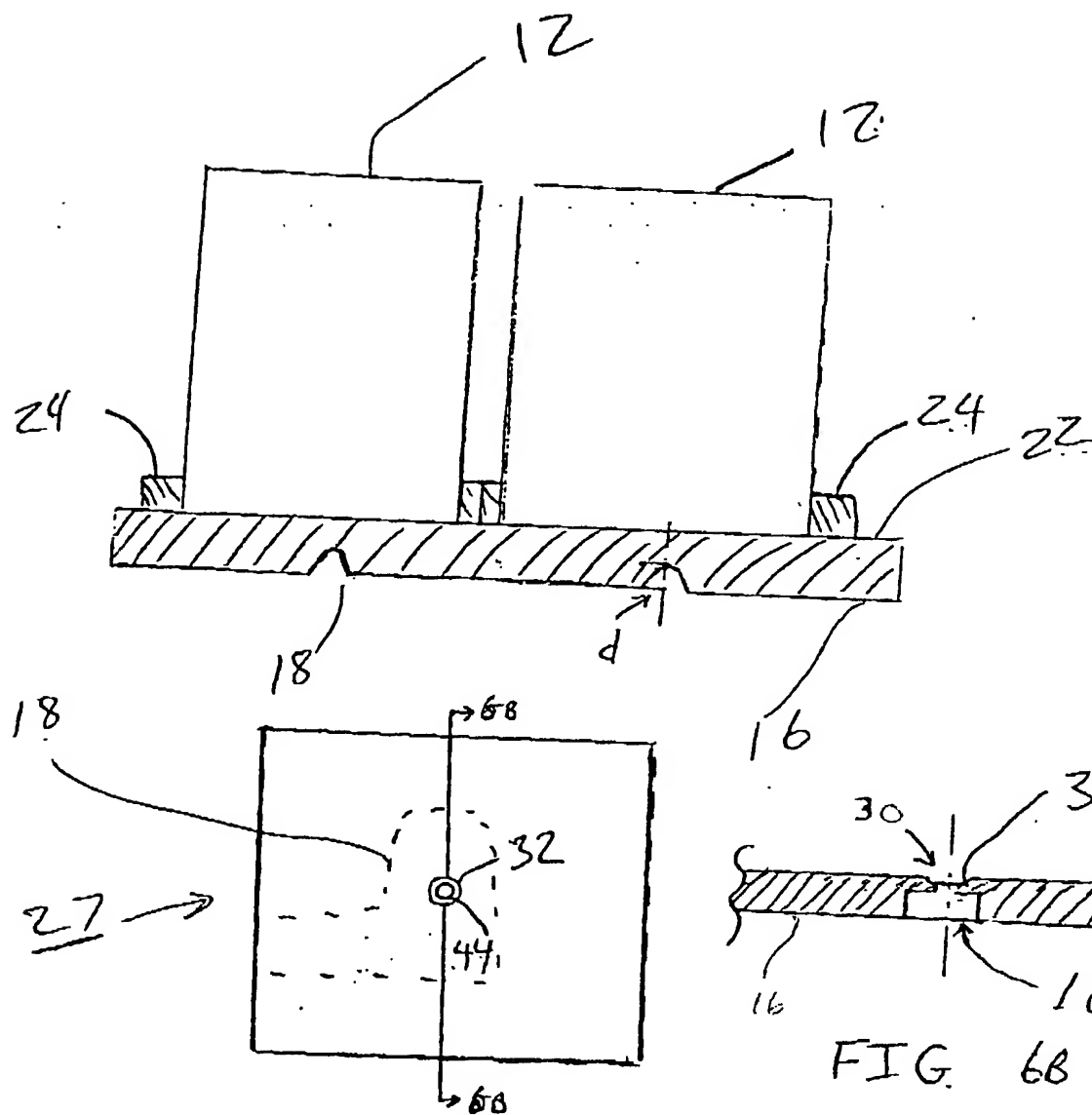


FIG. 6A

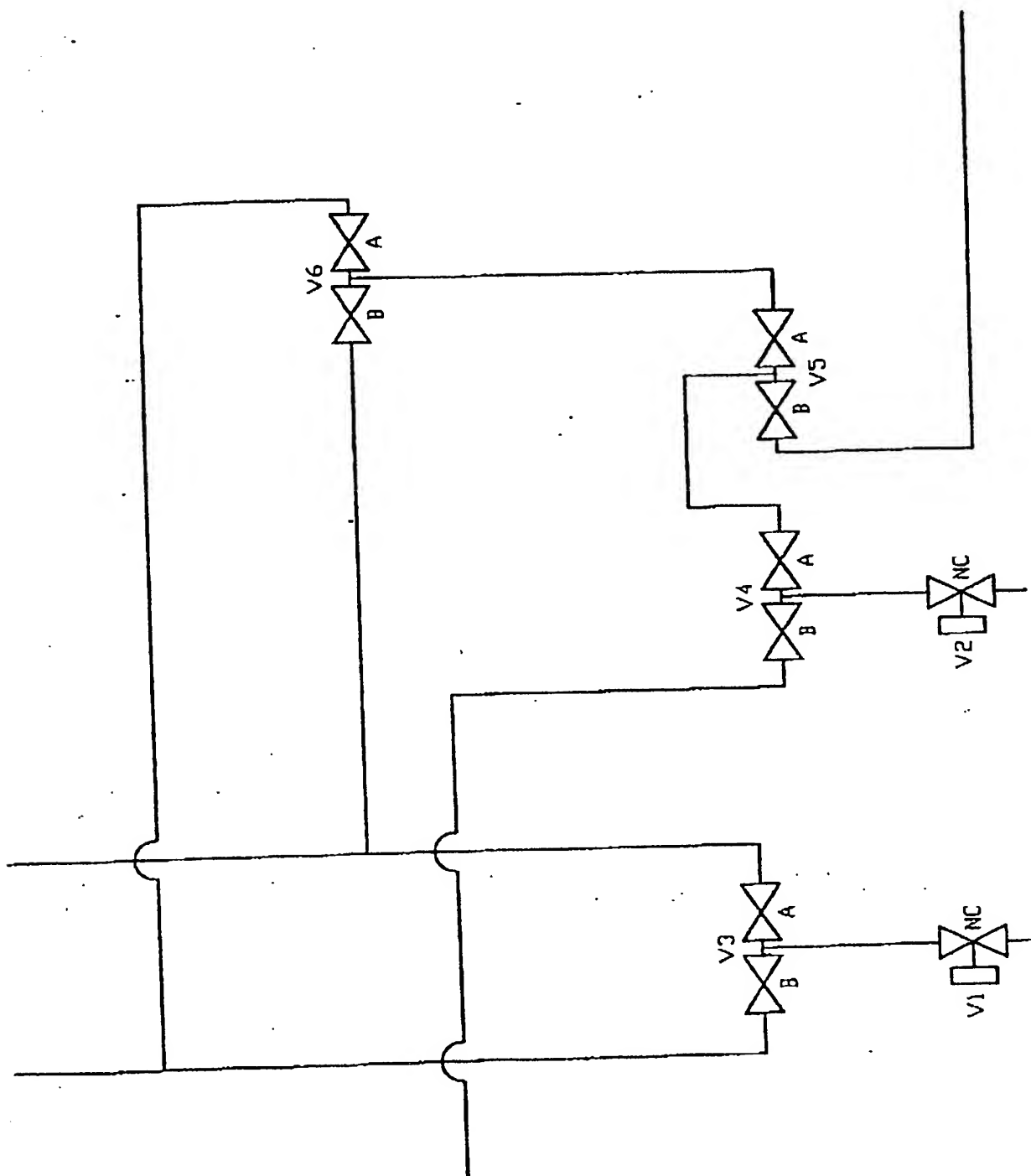


FIG. 7

This diagram shows an exploded perspective view of a multi-layer printed circuit board (PCB) assembly. The assembly consists of several layers and components:

- Top Layer (12):** The uppermost layer, featuring a complex pattern of conductive traces (18) and numerous circular vias (28). It is secured by four screws (36) and has a central rectangular cutout (20).
- Prepreg Layer (16):** A layer positioned between the top and bottom layers, containing circular prepreg holes (28).
- Bottom Layer (16B):** The lowermost layer, mirroring the top layer with conductive traces (18B), vias (28B), and a central rectangular cutout (20B).
- Core Layer (40):** A central layer between the prepreg layers, featuring a rectangular cutout (42).
- Assembly Components:** Four screws (36) are shown passing through the top layer and into the bottom layer, securing the assembly. A central rectangular cutout (20) is present in the top layer, and a corresponding cutout (20B) is in the bottom layer.

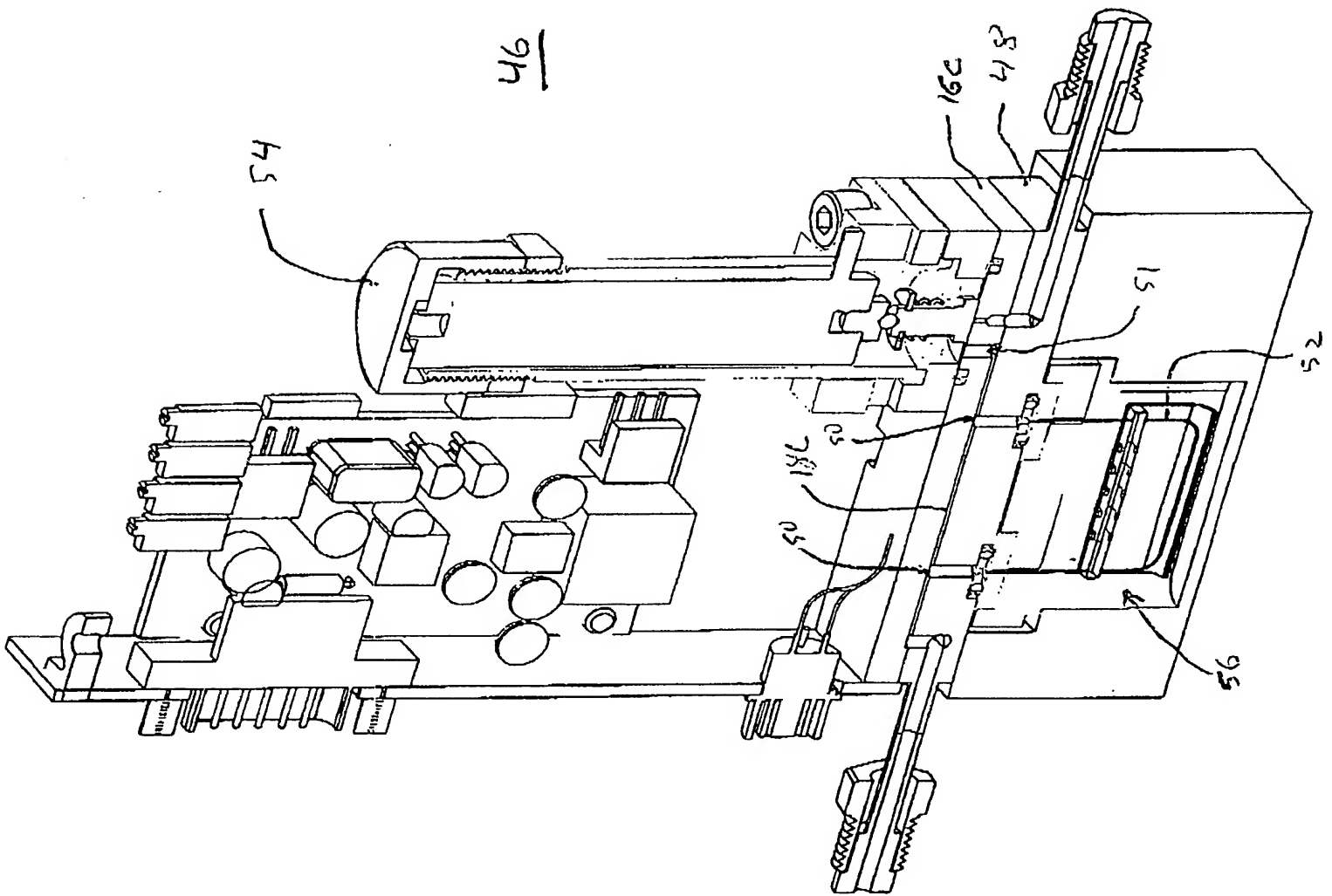


Fig. 9



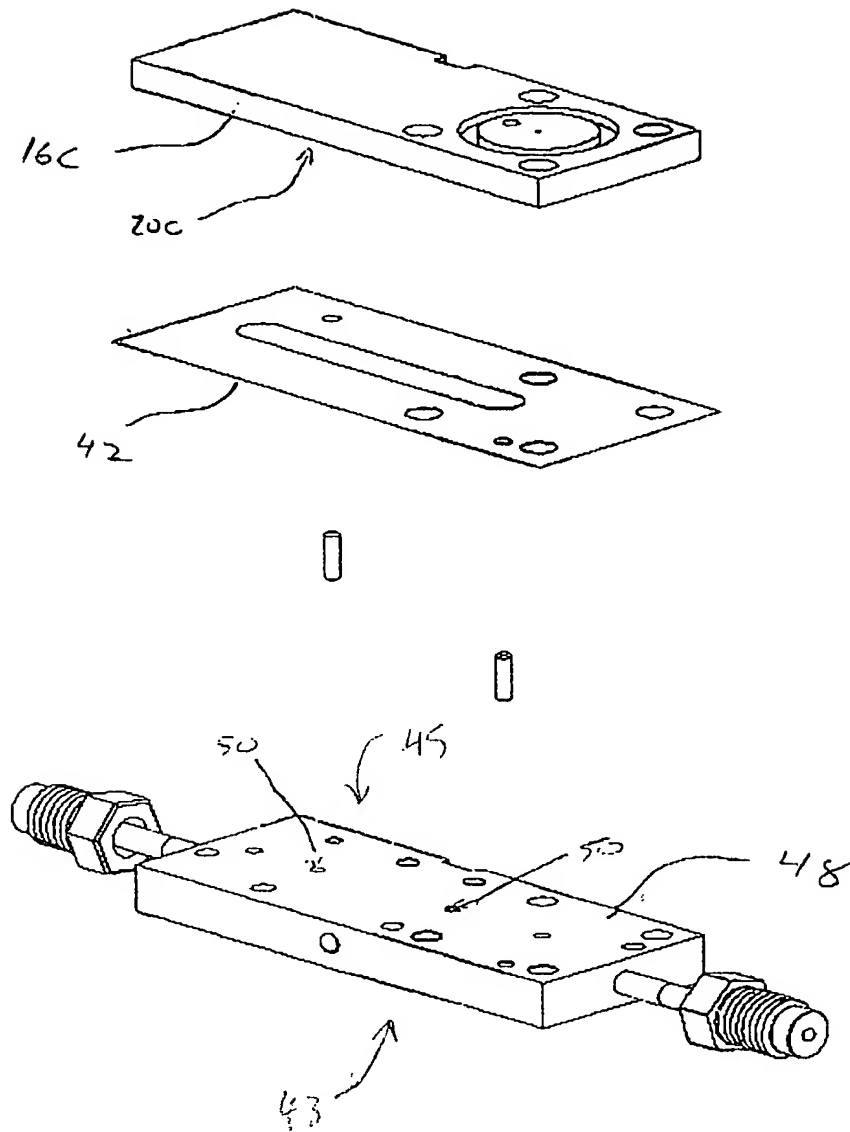


Fig. 10A

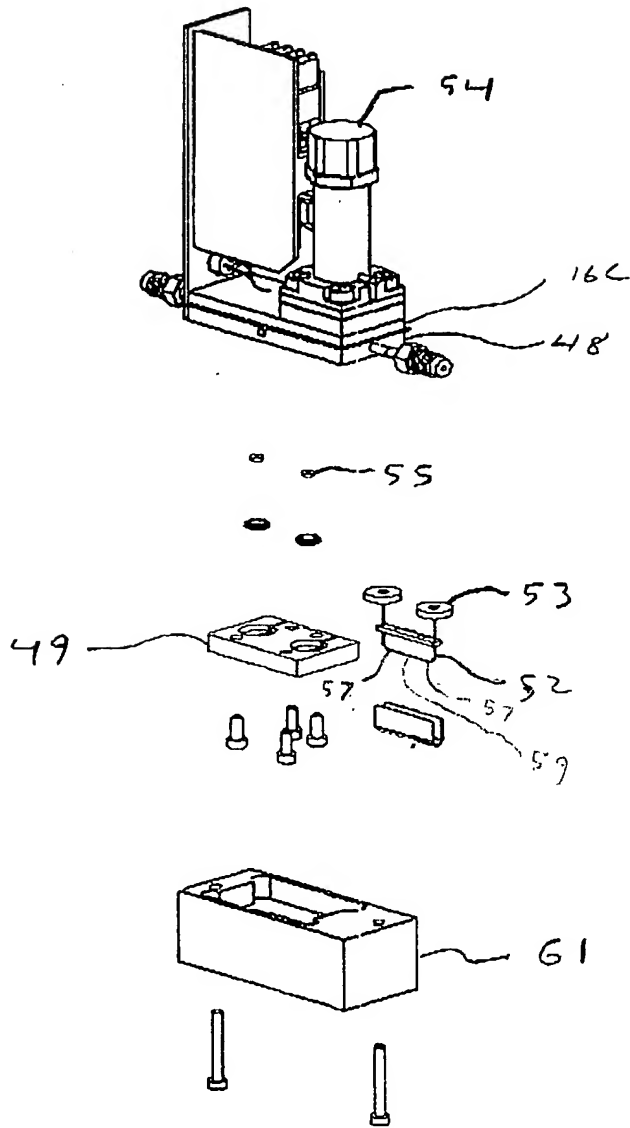


Fig. 103

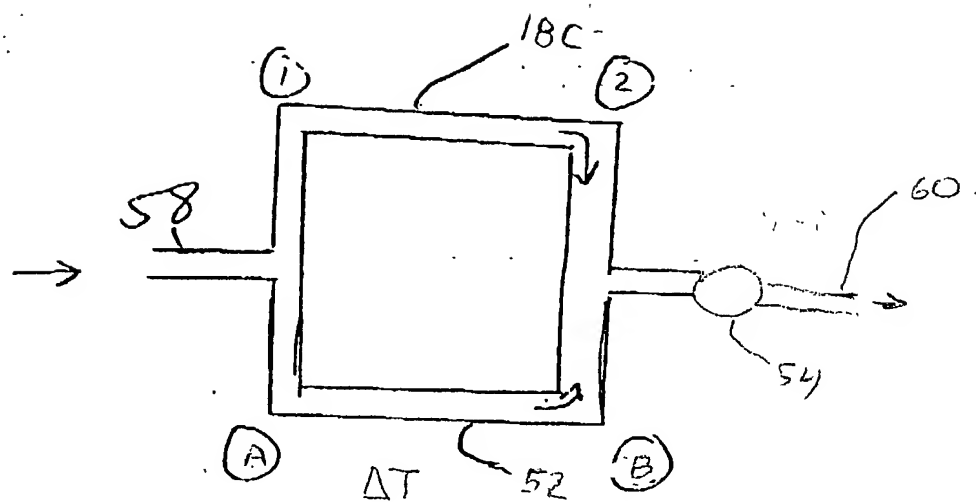
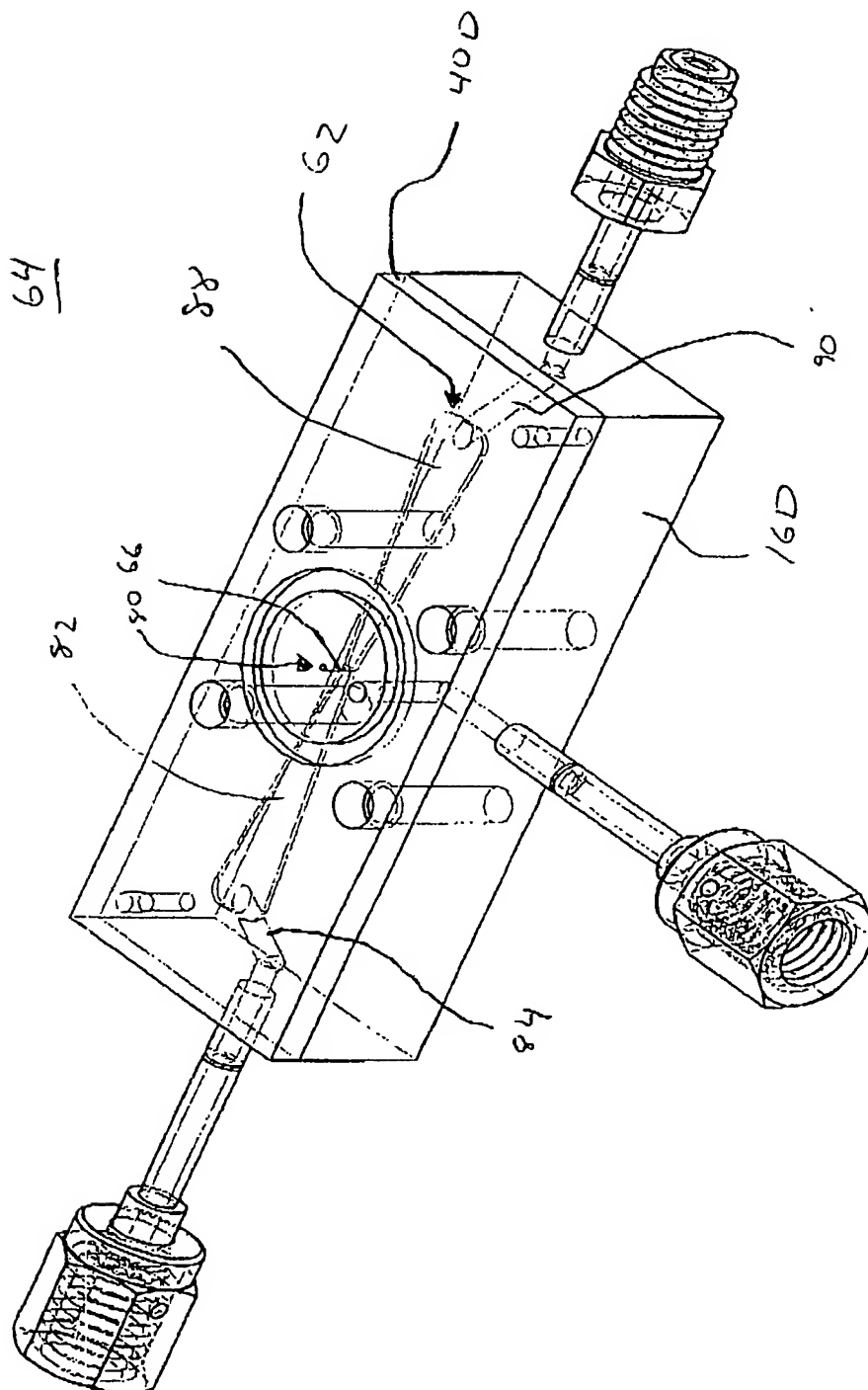
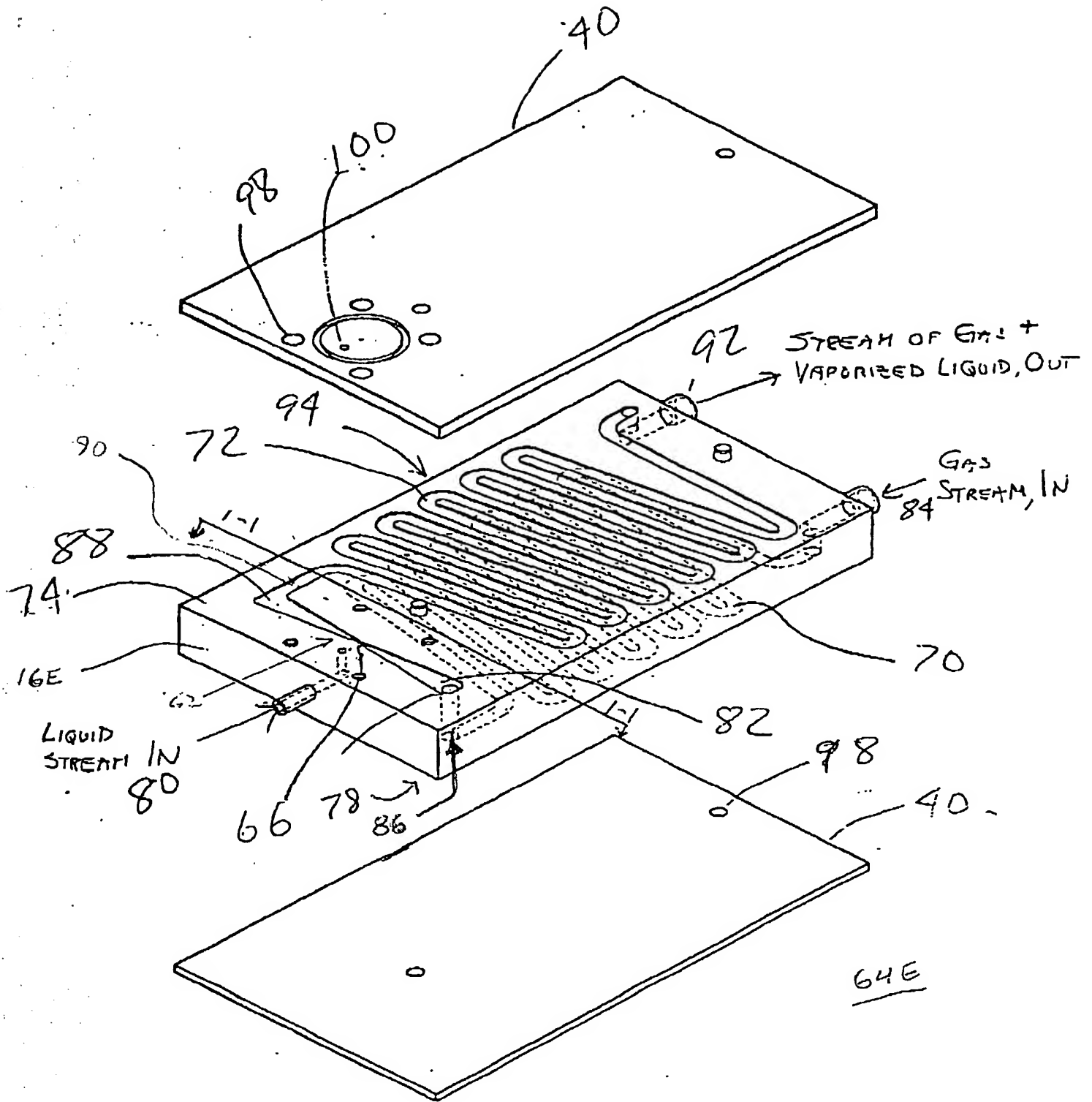


FIG 11.

Fig. 12





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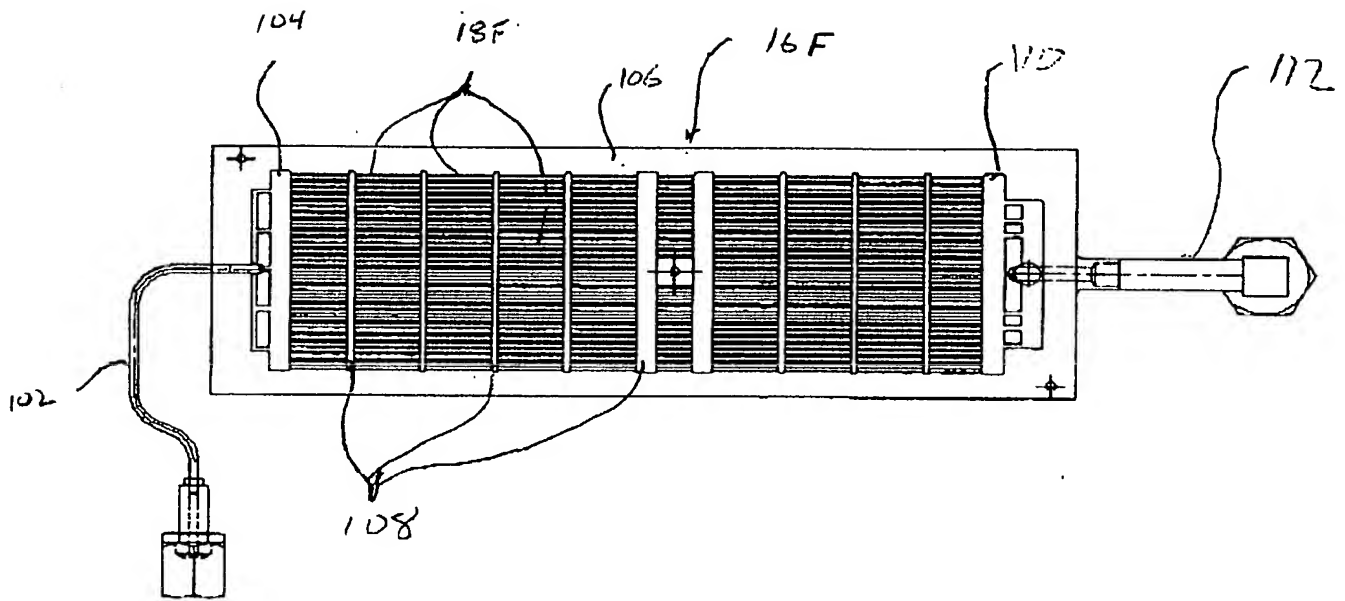


Fig. 14

